The Wobbly Oscillator

Cuyahoga Amateur Radio Society

November 2019 Volume 49 Number 11

Nilsson COMPACtenna Program At November Meeting

From The Prez

Dr. Jack Nilsson at the November Meeting

Model
40M/20M/10M/6M/2M/440
Installed in an attic

The November meeting will feature Dr. Jack Nilsson, N8NDL, who will give a presentation on his compact antennas. Jack's electric personality makes his presentation on his revolutionary antennas one you surely don't want to miss. I've seen his demonstration at another club, visited his display at the Hamvention, and the Cleveland Hamfest; I must say his products are nothing short of amazing.

Jack's antennas are designed to be used indoors: in a closet or an attic. The performance is exceptional. They are perfect for the QTH in a restricted neighborhood, or for those wanting a simple solution for an HF antenna.

His VHF/UHF antennas are equally intriguing. They are compact, easy to install, and offer excellent performance. These antennas are the solution to a variety of mobile applications.

You really don't want to miss this fantastic program.

Elections

Our November meeting will also include the annual election of officers and even year Board members. At this point, we only have one candidate for each position, so the election will be more of a blessing. We always offer the opportunity for nominations, including self-nominations, up to the election. Anyone wishing to become more involved with the club by becoming an officer or Board member is welcomed to become a candidate.

[Continued]

Another Value of the Club

I am now settling into my new QTH in Valley City. The moving process was challenging, to say the least. When most people move, the items transported are furniture and household items: wood and cloth. My stuff is more industrial, machine tools, heavy shop equipment, and tons of hardware. I could not have done it without the help of fellow club members. Mark, WJ8WM, and Scott, AC8NW, who both sacrificed several of their free days to lug, load, and unload the burdensome items. I cannot ever repay or thank these guys enough. Fellow ham and longtime friend, Tom Morrell, KE8KVN, and Gordon, AI8Y, gave up beautiful late summer days volunteering muscle and sweat. Thanks Guys, I will never forget what you did for me.

73, Toby, WT8O

Cuyahoga Amateur Radio Society
October 8th 2019 Business Meeting Minutes

The CARS membership was called to order by President Toby Kolman, WT8O, at 7:30 PM on the 8th day of the month at Simon's Restaurant in Brecksville. The business portion of the meeting continued at 8:50 PM following a presentation by Nancy Hall, KC4IYD,
from NASA on "Sunspots"

Nancy Hall, KC4IYD, a NASA engineer gave an extremely interesting talk on Sunspots and other projects she was involved with at the Glenn Research Center.

Bill, KD8QBB, stated that the November meeting presentation topic would focus on a "Compact Antenna".

The Pledge of Allegiance was said and introductions were made by the members and guests. The September 10th 2019 Business meeting minutes were approved as they appeared in the October 2019 *Wobbly Oscillator*.

There were 28 members and guests in attendance this evening.

Bob, W8GC, gave the report on the treasury balance. Membership dues for 2020 are now being collected. ARRL membership renewals can also be paid through the club, see Bob for details.

The CARS Christmas party will be December 13th at Stancato's Restaurant, 7380 State Road in Parma.

Toby, WT8O, thanked all for the continued contributions to the *W.O.*

Toby also thanked the refreshment committee for their continued service to the club.

[Continued]

Nominations for Club Officers for 2020 are still open until the November Business meeting. The following actions occurred at the meeting this evening:

Toby, WT8O, accepted the Presidential nomination.
Mark, WJ8WM, agreed to return as Vice President.
Bob, W8GC, agreed to return as Treasurer.
Ed, WB8ROK, accepted the Secretarial nomination.
Mike, KD8OUE, agreed to return as Even Year Board member.
Terry, KB8DTC, agreed to return as Even Year Board member.

Nancy enjoyed dinner with CARS members and guests.

Larry, N8OWS, had nothing to report.

Eddie, KD8FTS, reported that Public service season is about over.

The Technician Class that was held in the Brecksville Reservation concluded on October 7th. The VE session will be on October 14th for the six class participants.

George, K8KR, spoke to the group about his recent trip to Belgium.

Ed, WB8ROK, won the 50/50 raffle.

The meeting was adjourned at 9:12 PM

Submitted by Larry Shimerka, N8OWS.

A good crowd was on hand at Simon's for the presentation by Nancy Hall, KC4IYD, from NASA.

Welcome New Members

Sonia Cortes, KE8NEL

Kevin Bojarski, KE8NEM

Jeff Gorman, KE8NEN

David Hamlin, KE8NEO

Adam Goler, KM6PHD

From the Tech Committee
Scott, AC8NW

Greetings from the Tech Committee. It has been awhile since we reported in the *W.O.*, and I thought I would try to bring everyone up to speed on the progress thus far regarding our AllStar/EchoLink node.

As some of you are aware, we have put together a Raspberry Pi3 based node to link to the repeater controller and provide EchoLink and AllStar service to those wishing to access the repeater with a computer or smartphone. The system hardware was first assembled almost two years ago, was tested to a limited degree, and then got put on the back burner while the loss of the Parma site and the move all went down.

Fast forward to this summer, when things related to the new site in Brecksville were ironed out, and it was time to get the node out and start testing. David, KD8ACO, installed it at his QTH on his internet, went so far as to set up a link radio and dedicated antenna, and adapted the Urix interface to get audio and PTT. Now we could actually link the node to the repeater with 1 tenth watt from David's house to the Shaker remote input, and test it in real world conditions.

The node is listed as K8ZFR/R in EchoLink, node number 343470; and K8ZFR in AllStar, node 47067. This node has been running nearly continuously for nearly a month, and over this time it has seen a lot of testing, a complete overhaul to its operating system and software, and then more testing.

Many improvements came with the updates that were installed recently, giving us more flexibility with software settings and two additional connection methods: IAXRPT, which is another way to access Allstar; and IRLP, or Internet Radio Linking Project.

The last testing of the node during net went pretty well, although some users of EchoLink, especially smartphone connections, are experiencing time outs of their connection. We noticed this a month ago, and at first it would time out within a few minutes. Now it seems like 10, 15 or 20 minutes and someone might time out. You can reconnect right away, and it will only timeout listening, not transmitting. David has been in contact with the EchoLink support people about this and has provided error logs and such, and we are waiting to see what their response is.

[Continued]

CARS Repeaters

146.820 PL Tone 110.9

Main Site – Brecksville

Receive Only Site – Brunswick

Receive Only Site – Shaker Hts.

****

443.825 PL Tone 131.8

Digital Yaesu Fusion

Linked to 146.82 Repeater

Brecksville

****

444.75 Receive PL Tone 131.8

449.75 Transmit

Stand-alone Not Linked

Shaker Hts.

We do feel that the node is close to being ready to install at Brecksville, and when it is, we will get internet out there and connect everything up, which David would appreciate greatly.

In the meantime, please use the node, it is on 24/7. Use it to check into net if you are out of town, use it just to help test. If you use a smartphone, and you get a timeout, try to note how long you were connected before the timeout, and please let David or me know. Any information we can get will help us get it fine-tuned.

73, Scott, AC8NW

November Birthdays

Bob Ozog, KC8MRC	11/6/55
David Yost, W8GJ	11/6/52
Bob Mueller, K8MD	11/21/75
Ed Stevens, WB8ROK	11/27/28

VE Session

The next VE testing session will be held Sunday, November 10th, at 9:00 AM, at the Old Elmwood Recreation Center, 6200 Pete Wisniesky Parkway, Independence 44131. Directions and a map are on the CARS website homepage. For information or an appointment please contact Metro, W8MET, at 216-520-1320 or metro351@sbcglobal.net As always, walk-ins are welcome.

Next CARS Meeting

Tuesday, November 12 - 7:30 PM

Busch Community Room

7501 Ridge Rd. - Parma

Program COMPACtenna

Dr. Jack Nilsson, N8NDL

November Net Sked

NOV	6	AC8NW
NOV	13	K8RJH
NOV	20	KD8ACO
NOV	27	WT8O

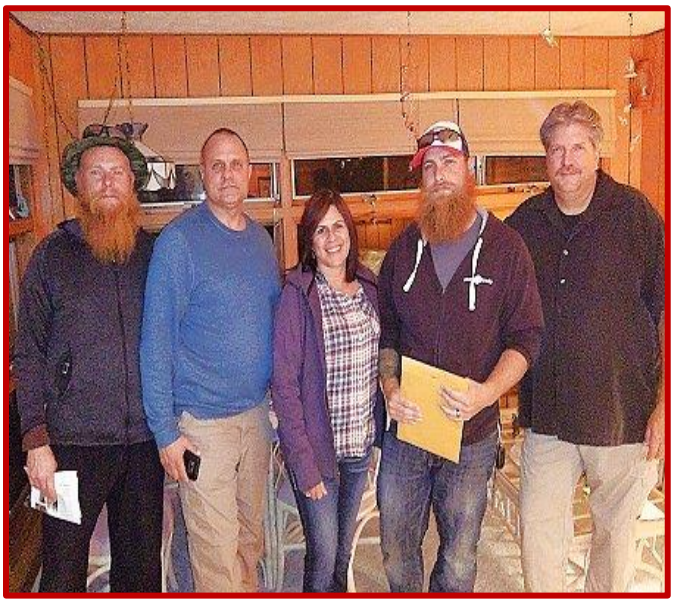
Nets are run every Wednesday at 9:00 PM on 146.820 (Pl 110.9)

CARS Fall License Class Update
David, KD8ACO

Please give a warm welcome to our new Technicians if you hear them on the air or see them at a meeting. This year's fall Technician Class included: Sonia, KE8NEL; Kevin, KE8NEM; Jeff, KE8NEN; and David, KE8NEO.

At the conclusion of the fall Technician only classes, a special CARS VE session was held for our licensing class participants. The CARS VE team consisted of: Metro, W8MET, George, K8KR; Gary, NI8Z; and Joel, K8SHB; with additional assistance provided by Linda, N8LRS. hank you all for a job well done.

Until next time, 73 de David, KD8ACO



Meet the new hams and new CARS members who completed the Fall License Class.

December Birthdays

Gary Dewey, NI8Z
12/7/41

Mike Kemmett, KD8OUE
12/7/49

Joel Chaney, K8SHB
12/7/64

Bill Brown, N8BBB
12/8

Bruno Sufka, W8BJS
12/11/51

Andy Evridge, KD8SCV
12/27/52

Help Wanted-Help Needed

The club needs a couple of members to step up and lend a hand with a few tasks; namely, the 50/50 drawing and bringing coffee to the meetings.

A couple years back, I agreed to handle the 50/50 ticket sales before the meetings "temporarily" when the member doing it had to attend to serious family matters. I guess my definition of temporarily and everyone else's doesn't align. Someone needs to take over this responsibility.

Gordon, AI8Y, has shouldered the meeting coffee responsibility for a year or so and cannot do it anymore. Thank you Gordon for picking up the ball when we needed it. Gordon told me he would make coffee and bring the equipment to the November meeting, and asked who would take the equipment home. I couldn't answer that question.

Hopefully, by the next meeting these vacancies will be filled by volunteers. If not, we will have to develop a plan to cover these jobs. Maybe we can take a team approach. All and any ideas are welcomed and appreciated.

Club Dues Notice
Bob, W8GC

Hi all, please note I will begin collecting the CARS 2020 dues On September 1, 2019.

Dues can be paid in 3 ways, online by sending the funds via PayPal to w8gc@2cars.org *PLEASE USE PERSONAL OPTION*, you can also mail a check to:
CARS,
7395 Brecksville Rd.
Independence, OH 44131

or pay in person at any CARS meeting. Dues are $26.00 per year for regular membership. Each additional family member is $16.00. If you are 60 yrs or older your dues are only $18.00 per year. *CARS will offer assistance to anyone having a hardship. Please let me know if you have a hardship or know a member who needs help.*

73, Bob, W8GC
216-524-1750

December Net Sked

DEC	4	N8OWS
DEC	11	KD8OUE
DEC	18	AC8NW
DEC	25	WT8O

Nets are run every Wednesday at 9:00 PM on 146.820 (Pl 110.9)

Honorary Members

Any person who by nature of outstanding or meritorious contribution to the furtherance of amateur radio and the ideals of the Cuyahoga Amateur Radio Society

Robert Check, W8GC
Elected 2/10/15

Thomas Wayne, WB8N
Elected 1/10/17

Dwaine Modock, K8ME, SK
Elected 5/9/17

Toby Kolman, WT8O
Elected 10/10/17

Jerry Smith, NW9H
Elected 5/8/18

Ron Borkey, K8VJG
Elected 5/14/19

Radiosport

Contests

Nov. 2, 2100 – Nov. 4, 0259 **ARRL Sweepstakes Contest, CW** 1.8-28 CW www.arrl.org/sweepstakes
Exchange: Serial, Precedence (Q/A/B/U/M/S), your call, check, section

Nov. 9, 1900–Nov. 11, 0500 **CQ-WE Contest** 1.8-50, 144, 432 CW PH Dig cqwe.cbph.org/rules.html
Exchange: Name, location code, years of service

Nov. 10, 0000 - 0400 **North American SSB Sprint Contest** 3.5-14 Ph ssbsprint.com/rules
Exchange: Other station's call, your call, serial, name, SPC (State, Province, DXCC Entity)

Nov. 16, 0000 – Nov. 17, 2359 **ARRL EME Contest** 50-1296 CW PH Dig www.arrl.org/eme-contest
Exchange: Signal report

Nov. 16, 2100 – Nov. 18, 0259 **ARRL Sweepstakes Contest SSB** 1.8-28 Ph www.arrl.org/sweepstakes
Exchange: Serial, Precedence (Q/A/B/U/M/S), your call, check, section

Special Events Stations

Nov. 1 – Nov. 11, 0000-2359 **N7A through N7Z** Lake Havasu City, AZ **3rd Annual 27 Lighthouses in the Southwest Desert** 21.300 18.145 14.250 7.005 Certificate k9wzb1@gmail.com

Nov. 2- Nov. 17, 0000-2359 **W8F** Detroit, MI **44th Anniversary, Sinking of the Edmund Fitzgerald**
14.260 14.040 7.240 7.040 Certificate www.livoniaarc.com

Nov. 11, 1800-2359 **N9V** Indianapolis, IN **The American Legion's National Salute to America's Veterans**
14.275 7.225 IRLP Node 9735 *CROSSROADS* EchoLink Conf Node Certificate k9tal@legion.org

Nov. 16, 1400-02000 **W1M** Russell, MA **Scout Camps on the Air** 14.290 14.060 7.190 7.030
QSL. Tom Barker, 329 Faraway Rd. Whitefield, NH 03598

Nov. 17, 1500-2359 **K7NRA** Paulden, AZ **NRA'S 148th Birthday Party** 21.335 14.250 14.040 7.250
Certificate (E-certificate available-see website.) www.w7yrc.org/nrabirthday

Sampling from November, 2019 *QST* - Pg. 89, 97, and 98. See *QST* for many more events.

All times in GMT ZULU time

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2019 CARS Christmas Party

Friday December 13, 2019 serving dinner at 6:30pm at Fuji Grill & Buffet, 1930 Snow Rd, Parma, OH 44130

(plan to arrive by 6:00pm)

Admission is free—simply pay for what you order off the menu. Check the menu selections and prices on the CARS web site link to Fuji's, *we still have a limit of 40 people so 1st come 1st served.*

"Family and friends are always welcome at our Christmas Party"

We will have several prizes, 50/50 drawing and Bingo along with the presentation of any 2019 CARS Awards

Reservations must be in no later than December 9th, contact Andy KD8SCV at 440-886-0723, e-mail aevridge@gmail.com**. Fuji needs to know how many are coming so let Andy know ASAP,**
note we have a 40 person limit.

For info on Fuji go to: http://www.fujigrillparma.com/menu.html

CARS 2019 Officers & Committees

Audit
WJ8WM ** WT8O, KD8OUE

Audio/Video
AC8NW **

ARRL Liaison
WJ8WM **

Awards
W8GC ** WT8O

Christmas party & Summer Picnic
KD8SCV **, WJ8WM, K8ARP

Club Photographer
N8OWS **

Field Day
WT8O **, WJ8WM, K8RGI, K8ARP, KD8SCV, AC8NW, AC8TN, K8RJH, N8BBB food

50/50
WT8O

License classes
KD8ACO **, WT8O, K8SHB

Media Representative
KD8SCV

Membership
WT8O ** KE8IHP

NET
WT8O **

Newsletter
WT8O ** 440-525-6109
wt8o@att.net

Programs at Meetings
KD8QBB ** KD8BAL

Property Custodian's
KB8DTC records, W8GC equipment

Public Services
K8ARP ** KD8FTS

QSL Manager - W8HBI, W8BM
WB8N **

Refreshments at Meetings & Picnic
KD8SCV ** pop, AI8Y ** coffee,
NW8X ** Donuts

Scholarship
W8GC ** WJ8WM, KD8SCV, N8OWS, WB8N

Sunshine (welfare)
Andy, KD8SCV ** 440-886-0723

Technical
AC8NW ** N8OVW, WJ8WM, KD8ACO, KD8RKF, K8MD, KB8DTC

VE Exams
Metro, W8MET ** 216-520-1320

Web Master/e-mail
W8GC **
** chairman or co-chairman

2019 Officers

PRESIDENT
Toby Kolman WT8O 440-525-6109
wt8o@att.net

VICE-PRESIDENT
Mark Moro, WJ8WM 216-661-0342

SECRETARY
Larry Shimerka, N8OWS 216-647-2484
Alternate Secretary: Ed Stevens, WB8ROK

TREASURER:
Bob Check W8GC 216-524-1750
Alternate Treasurer: Bob Robbins, K8RGI

Board Members & License Trustees

Board Chairman
Andy Evridge KD8SCV 440-886-0723
Alternate Chairman: Mike Kemmett, KD8OUE

even year executive board 2 year term
K8SHB, KB8DTC, KD8OUE

odd year executive board 2 year term
KD8SCV, K8ARP, WB8ROK

License trustee K8ZFR
WT8O

License trustee
W8HBI, W8BM,
W8GC

June 10, 2019